COLUMBUS

TRAVEL SOUND

Specially for NoteBook Speaker

OZAKI

欧沙克®

**Enjoyable, Easy, Healthy
Computer Stylist**

NB002 **Santa Maria**

OZAKI

©http://www.ozaki.us   Made in china

Stand on Notebook

Stand on Desktop

180°
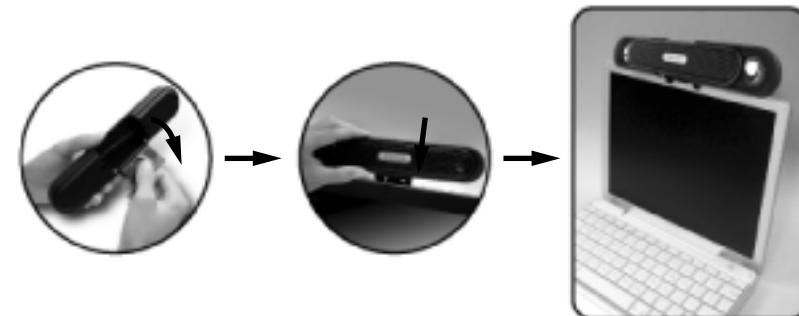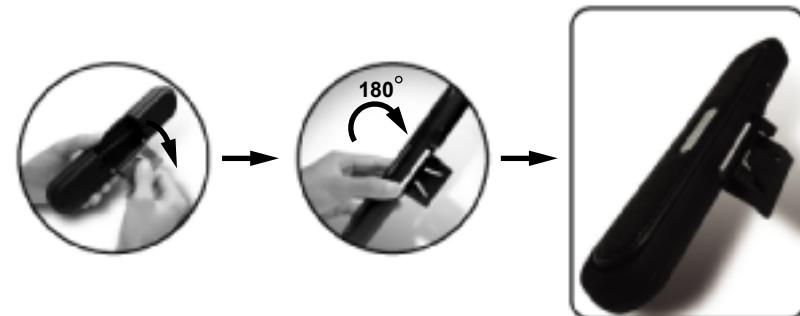
OZAKI is the leader of the computer and living industry, and specializes in producing and promoting high-quality, enjoyable, easy and healthy computerized stylist accessories. For stepping the future, OZAKI decides "Enjoyable, Easy and Healthy Computer Stylist" as the objective for OZAKI products. OZAKI will create constantly personal, characteristic, living computer accessories for offering the best choice for the customers and more enjoyable, easy and health achievement for human life.

COLUMBUS
TRAVEL SOUND

TRAVEL SOUND
Mini Personal Home Theatre

A mini personal home theatre system designed for computer user. The main concept for this mini personal home theatre system is to utilize two speakers simulating another four invisible speakers bringing you into the 5.1 channel surround sound effect world within 4 square meters space less environment.

Step 1 ▌ Connect your speaker

Zip Cable
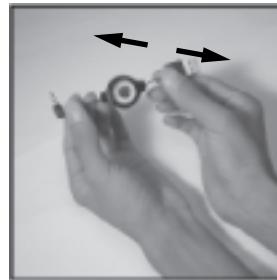
System Requirement and Installation

This device must be applied on USB specification products. And user should to confirm that computer operation supports USB function, USB 1.1 or 2.0.

USB Port Connector
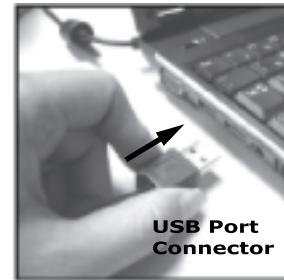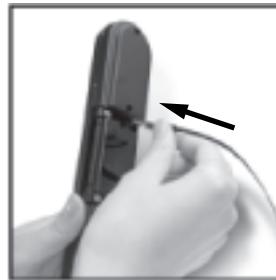
Step 2 ▌ Download Driver
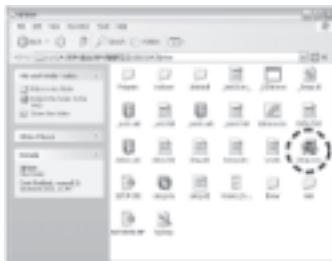
Windows OS has default USB driver support, but no support for HRTF 3D, EAX or Virtual 5.1 CH sound effect. Thus, if user wants to enjoy these fancy experiences must install Xear™ 3D sound audio driver.

You can link to follow web site to get it...
www.ozaki.us

> *If your PC system has more than one USB connect port, please remember which one is connected for install, and next time when you plug USB speaker to PC, you have to plug the same port for initialize the Xear™ 3D driver.*

Without Driver

Best   Full

USB device
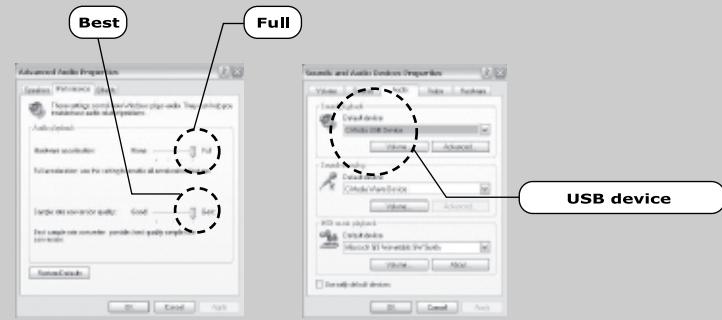
Without Installing Driver:
● Compliant with: Win98SE, WinME, Win2000, WinXP, Mac OS 9.0 & 10.1.
● Hardware & software Requirement: at least Intel. PII 350 MHz, or AMD. K6 450 above, PIII 500 or K7 650 recommended for better performance; the memory needs at least 64 MB RAM (Win98SE) or 128MB RAM (WinME, Win2000 & WinXP)
● In order to get best sound effect, please adjust system hardware acceleration to be max. and sampling frequency to be the highest.

Sometime, when user plug USB speaker on PC system and OS cannot auto change audio device to USB audio, please switch the audio device to USB audio sound and audio devices properties in control panel.

Step 3 ▌Install Driver

Before install Xear™ 3D sound audio driver, please make sure that USB speakers have connected to PC system already.

1. Click "Setup" to install.
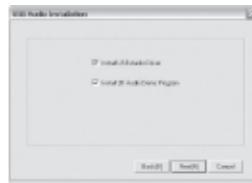
2. Please follow up the set up procedure and click "Next" button to continue installation.
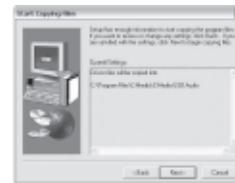
3. You can Select install driver only or both driver and demo program then click "Next" to continue installation.
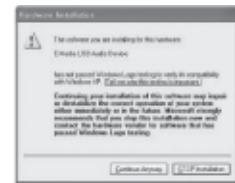
4. If your System is WinXP, you may see a dialog box asking you about windows logo issue, please click "Continue Anyway" to complete installation.

5. When set up program complete installation system will need to restart to initialize the driver.

6. Restart & Finish

Step 4 ▌Experience 5.1CH Virtual Sound

Part I.
## Volume Adjust & Position Test

Where can you fine the control panel ?
You can open "control panel" to find Xear™ 3D audio driver and enable it. Or, you can check the bottom right side of the screen to double click Xear™ 3D task bar button.

Part II. Hardware and Software

AGC Function Select
Xear™ 3D supports loudness function which allows users to amplify the sound source. This special feature can make speaker sound louder beyond its limitation.

Output Device Select

Master Volume Control

Auto Test and stop
Click Speaker graphic to test speaker sound

Click Speaker graphic to test speaker sound

> *If your PC system has more than "one USB port, you can just plug USB speaker to any USB port. If this connect is right that driver will detect device and show a task bar on the bottom right side of the screen to guiding you which port is correct.*

➢ **Enhanced**
Your USB Speaker Sound Quality

Part III.
Best Listening Environment Setting

The 5.1CH VIRTUAL SPEAKER SHIFTER block provides an advanced, amazing and considerate feature dynamically adjustable multi-channel sound system no matter what listening appliance you use and what application you are running. You do not have to endure unbalanced speaker placement due to spatial limitation. You can enjoy multi_channel surround sound with even a pair of earphones or usual 2 speakers. Besides, this block will show a reference figure for Environment Size settings that will be described in the following text.

Environment
Sound Effects

ON
Please make sure the right button status is "ON" for working.

5.1 Virtual Speakers

Environment
Xear™ 3D provides 27 Environment Effects to choice.

Bath room	Auditorium	City
Concert hall	Cave	Mountains
Sewer Pipe	Arena	Quarry
Music Pub	Hangar	Plain
Generic	Carpeted hallway	Parking lot
Padded cell	Hallway	Under water
Room	Stone corridor	Drugged
Living room	Alley	Dizzy
Stone room	Forest	Psychotic

Environment Size
Xear™ 3D provides 3 Environment room to switch until comfortable.

10 Band Equalizer
In addition to the angle change, the sound will decay with the distance between the listener and the speaker. You can see the correspondent volume value in decibels (dB) in the "Volume Scale Display" at the bottom.

Total Volume

Manual Rotate Speakers

Rotate Speakers

Auto Rotate Speakers

Reset Virtual Speakers

Important : The right way to plug out USB Audio device was stop playback function first. Especially when your Windows system was Win98SE or WinME, this corrected operation will keep stability of working system. Otherwise, uncorrected plug out will cause application program or system crash.
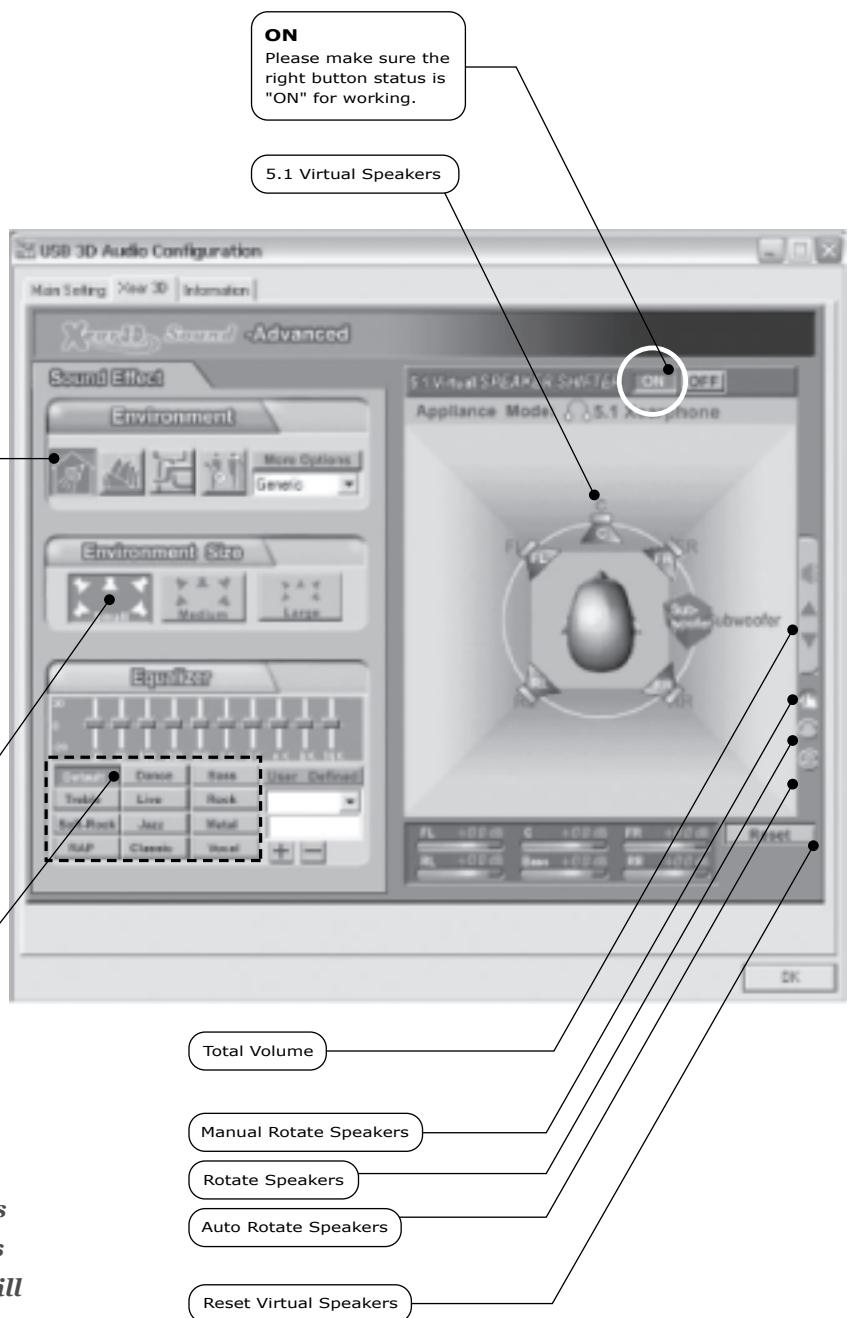
Audio
Sources

The 5.1CH VIRTUAL SPEAKER SHIFTER can process 2CH, 4CH or 5.1CH audio format and make 2CH audio file like MP3, stereo wave to transfer in virtual 5.1 surround sound. However, the most perfect application is playing 5.1CH DVD content like Dolby digital AC-3 and DTS. User can using physical 2CH device (earphone, speaker) to enjoyed dynamic 5.1CH surround sound by moving graphic user interface.

Window Media
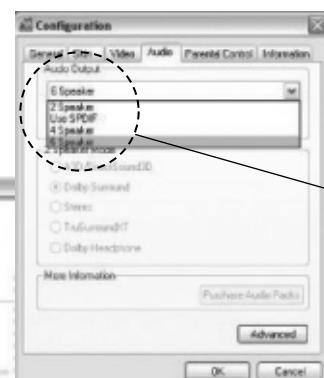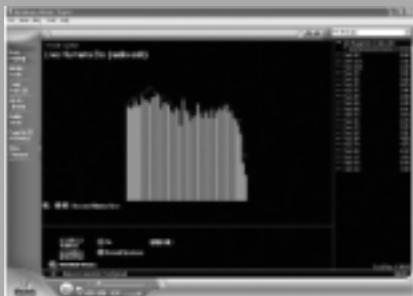
WinDVD

User can check software DVD player to confirm what decoding version that DVD software player supported.

6 Speakers

In general, when user buy a new computer usually got a free bundle software DVD player like PowerDVD or WinDVD. Most of these free bundle software version only provide 2CH DVD audio playback capability that because 5.1CH decoding was more expensive. So that, when user playback real 5.1CH DVD content it can not processing different 6 channel audio source to spread out characteristic with each channel. If user wants to enjoy real 5.1CH DVD surround sound, you can buy a software DVD player with Dolby digital AC-3 or DTS 5.1CH decoding function.

PowerDVD
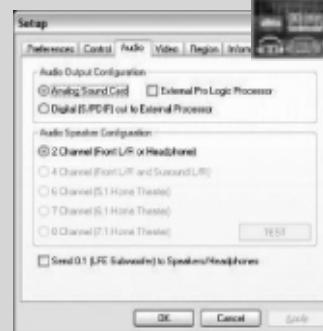
Safety Instruction

●The speakers must be placed on a smooth and firm surface. ● Please notice that the volume of CD-Rom, Soundcard or other audio source must be tuned to the medium position. This is to avoid the damage causing by sudden huge signal. ● Please do not leave the volume, bass and treble all at maximum for a long time. ● Do not open the subwoofer; it may cause electric shock or other incident. ● Keep the system in a ventilate place and away from heat source or direct sunlight. ● Do not pour water, liquid or rubbish in the machine. ● Please read the user manual carefully before you use this product and install the system accordingly. Do not use this product for other purpose to avoid any inconvenience happening and affect your right.

Sicherheitshinweise

●Stellen Sie die Lautsprecher auf eine flache und stabile Oberfläche.●Achten Sie bitte darauf, dass die Lautstärke des CD-ROM-Laufwerks, der Soundkarte oder anderer Audioquellen auf die mittlere Stufe gestellt sind, um Schäden durch plötzliche Signalspitzen zu vermeiden. ● Lassen Sie Lautstärke, Bass und Höhen NICHT für längere Zeit auf die maximale Stufe eingestellt. ● Öffnen Sie den Subwoofer nicht; dies kann zu elektrischem Schlag oder anderen Unfällen führen. ● Stellen Sie das System an einem gut belüfteten Ort auf. Halten Sie das System von Wärmequellen oder direkter Sonneneinstrahlung fern. ● Lassen Sie kein Wasser, keine Flüssigkeiten oder Abfälle in das System eindringen. ● Lesen Sie bitte das Benutzerhandbuch sorgfältig durch, bevor Sie das Produkt verwenden. Installieren Sie das System entsprechend den Anweisungen. Verwenden Sie das Produkt nicht für andere Zwecke, um Funktionsstörungen und ein Erlöschen der Garantie zu vermeiden.

Instructions de Sécurité

● Les haut-parleurs doivent être placés sur une surface plane et ferme. ● Veuillez noter que le volume du lecteur de CD-ROM , de la carte son et de toute autre source audio doit être réglé au niveau moyen. Cela permet d'éviter tout dommage provoqué par un signal brusque et soudain. ● Veuillez ne pas laisser le volume, les basses et les aigus sur leur réglage maximum pendant une période de temps prolongée. ● N'ouvrez pas le subwoofer, cela risque de provoquer une électrocution ou un autre incident. ● Placez le système dans une zone bien ventilée et éloigné de toute source de chaleur ou des rayons directs du soleil. ● Ne versez jamais d'eau, de produit liquide ou de corps étranger dans la machine. ● Veuillez lire attentivement le manuel avant d'utiliser ce produit et installez le système conformément aux instructions. N'utilisez pas ce produit pour une utilisation autre objectif afin d'éviter tout dommage et l'annulation de votre garantie.

Istruzioni per la sicurezza

●Le casse devono essere poste su una superficie liscia e solida. ● Notare che il volume di CD-Rom, scheda audio ed altre origini audio deve essere posto in posizione media. ● Non lasciare il volume, bassi e alti, al massimo per periodi estesi. ● Non aprire il subwoofer, si possono provocare scosse elettriche ed altri incidenti. ● Tenere il sistema in un posto ben areato, lontano da sorgenti di calore o dalla luce diretta del sole. ● Non versare acqua, liquidi, oppure inserire sporcizia nel dispositivo. ● Leggere il manuale utente con attenzione prima di utilizzare questo prodotto ed installare il sistema di conseguenza. Non utilizzare questo prodotto per altri scopi per evitare di provocare qualsiasi problema e di condizionare i propri diritti.

Instrucciones de seguridad

●Los altavoces deben colocarse en una superficie firme y lisa. ● Tenga en cuenta que deberá fijar en posición media el volumen del CD-Rom, tarjeta de sonido o cualquier otra fuente de sonido. Así evitará el daño causado por un aumento súbito de señal. ● No deje el volumen, los bajos y los agudos al máximo por largos periodos de tiempo. ● No abra el altavoz de subgraves, podría causar descargas eléctricas u otros accidentes. ● Mantenga el sistema en un lugar ventilado y lejos de cualquier fuente de calor o luz solar directa. ● No arroje agua, líquido o basura en la máquina. ● Por favor, lea el manual de usuario detenidamente antes de usar este producto e instalar el sistema correctamente. No use este producto para otro propósito y evite cualquier accidente.

使用注意事項

●喇叭應置於平坦而穩固的平面上。
●特別注意必須將CD-ROM、音效卡或其他音源的音量調到中間位置，以免輸入訊號過大而導致產品損壞。
●請勿讓喇叭長時間的音量、低音、高音開到最大的狀態。
●切勿打開機殼，以防電擊或其他意外。
●必需保持通風良好，並遠離熱源及避免陽光直射。
●注意不要將水或其他液體、雜物置入機內。
●使用本產品時，請詳細閱讀使用說明，確實依序安裝；切勿將產品用於非主要的使用範圍用途上，以免發生不必要的問題，而影響您的權力。

사용 주의 사항

●스피커를 평탄하고 견고한 곳에 설치해 주십시오.
●CD-ROM, 사운드 카드 및 기타 다른 음향 입력부의 음량을 중간이나 작게 조절 하신 후 사용을 시작하셔야만 입력 신호의 과다대로 인해 생기는 제품의 고장을 방지 할 수 있습니 다
●음량, 저음 및 고음을 최대한으로 놓으신 상태에서 장시간 스피커를 사용하지 마십시오
●감전이나 기타 돌발 사고를 방지하기 위해 절대 스피커 본체를 해체 하지 마십시오
●직사광선 및 열을 피하여 통풍이 잘되는 곳에 설치해 주십시오
●물이나 액체 혹은 기타 오물들이 본체로 들어가는 것을 방지하십시오
●본 상품을 사용 하실 때에는 먼저 사용 설명서를 자세히 읽어주시고 순서에 맞게 설치 하십시오. 그리고 불필요한 문제발생으로 귀하의 권리에 손상되는 일이 없도록 하기 위해 주요한 사용 용도 및 범위를 벗어난 곳에 사용하지 말아 주십시오

使用上の注意事項

●※スピーカは、平坦で丈夫な平面に置いてください。
●※ご注意＞CD-ROMやサウンドカードまたはその他の音源装置の音量を中から小の位置に調整することにより、過大な入力信号投入による本製品の損害を防止します。
●スピーカを長時間ご使用になる場合の音量は、低音、高音とも最大の状態でのご使用を避けてください。
●ケーシングを分解しないでください。感電またはその他の災害発生の原因となります。
●本機器は換気の良い場所に置き、高温の場所や直射日光を避けてください。
●水やその他の液体、雑物を本機器内部に入れないようにご注意ください。
●本製品をご使用するときは、取扱説明書を詳しくお読みになり取扱説明書の手順に従って取り付けてください。本製品の元来の用途範囲外でのご使用はご遠慮ください。故障した場合に保証が受けられない恐れがあります。

Limited One Year Warranty

This product is covered by 12 Months Warranty, but does not cover damages caused by accidents, problems with electrical power, improper usage not in accordance with product instruction, and improper testing. Please make sure that the warranty card is included in package, the store affix is sealed on the warranty card with the date of purchase. The purchase date will be identified by manufacturer's serial number if the warranty card is not sealed and dated.

Eingeschränkte Einjährige Garantie

Wir geben eine 12-Monatige Garantie für dieses Produkt. Diese Garantie deckt Schäden durch Unfälle, Stromversorgungsprobleme, unsachgemäße, nicht den Anweisungen entsprechende Benutzung und unsachgemäße Tests nicht ab. Stellen Sie bitte sicher, dass die Garantiekarte im Paket enthalten ist und den Stempel des Händlers sowie das Kaufdatum trägt. Das Kaufdatum wird anhand der Seriennummer des Produkts bestimmt, wenn die Garantiekarte nicht den Stempel und das Datum enthält.

Garantie limitée d'un an

Ce produit est couvert par une garantie de 12 mois, mais cette garantie ne couvre pas les dommages provoqués par les accidents, les problèmes électriques, une utilisation incorrecte ou le non-respect des instructions de ce produit, ou encore des essais incorrects. Veuillez vous assurer que la carte de garantie soit bien incluse dans cet emballage et qu'elle cpmporte avec la date d'achat. La date d'achat sera identifiée par le numéro de série fabricant si la carte de garantie n'est pas cachtée ni datée.

Garanzia limitata di un anno

Questo prodotto è coperto da una garanzia di 12 mesi, che non copre danni provocati da incidenti, problemi dovuti alla corrente elettrica, uso improprio in disaccordo con le istruzioni del prodotto, controlli inappropriati. Assicurarsi che la scheda della garanzia sia inclusa nella confezione e che il sigillo del negoziante sia fissato ermeticamente sulla scheda con la data d'acquisto. La data d'acquisto sarà identificata dal numero di serie del produttore se la scheda della garanzia non è sigillata e datata.

Garantía Limitada de un año

Este product posee una garantía de 12 meses, pero no cubre daños causados por accidentes, problemas con la corriente eléctrica, uso inadecuado y pruebas no apropiadas. Asegúrese de que se incluye en la caja la tarjeta de garantía, el sello de la tienda debe estar en la tarjeta de garantía junto con la fecha de compra. El fabricante indentificará la fecha de compra mediante el número de serie si la tarjeta de garantía no se encuentra sellada y fechada.

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若本產品因品質問題而引起故障或損壞，請即送修，自購買日期起之一年內（12個月）提供免費保修服務。若自行拆卸或使用不當等人為因素所引起的故障及損壞，不在此保修範圍內，需酌收材料費及維修費用。
保固以喇叭包裝盒內所附之保證卡為憑，購買本產品時請確認有無保證卡，並向所購買之經銷商要求加蓋店章、購買型號及日期，以確保您的權益。未蓋店章及無購買日期者，以序號所示之出廠日期為準。
若購買之產品已超過免費保固期限，本公司將酌收維修費用。

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만약 귀하께서 구매하신 상품이 무료 서비스 기간을 지났다면 본 사는 수리비용을 청구하게 됩니다.

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